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1c846 U.S. PTO

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No.	429-11
	First Inventor or Application Identifier	Hsu, James T.
	Title	Heat Transfer Fluid Compositions
	Express Mail Label No.	EL494738116US

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 34] (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the invention</li><li>- Brief Summary of the invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul>
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5]	<b>ACCOMPANYING APPLICATION PARTS</b>
4. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed)<ul style="list-style-type: none"><li>i. <input checked="" type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li></ul></li></ul>	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
	8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee)
	9. <input type="checkbox"/> English Translation Document (if applicable)
	10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
	11. <input type="checkbox"/> Preliminary Amendment
	12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
	13. <input type="checkbox"/> Small Entity Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
	14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
	15. <input checked="" type="checkbox"/> Other: Cert of Express Mail Claim of Priority

**\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)  
Prior application information: Examiner C. Skane of prior application No: 08,674,348  
Group / Art Unit: 1751  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Sanford J. Piltch, Esq.				
Address	The Atrium - Suite 204 2895 Hamilton Blvd				
City	Allentown	State	PA	Zip Code	18104
Country	USA	Telephone	610.433.6266	Fax	610.820.9566

Name (Print/Type)	Sanford J. Piltch, Esq.	Registration No. (Attorney/Agent)	29,997
Signature		Date	07/10/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE: U.S. Patent Application of  
James T. Hsu, et al.

SERIAL NO.:

FILED: Herewith

FOR: HEAT TRANSFER FLUID COMPOSITIONS  
FOR LOW TEMPERATURE APPLICATIONS

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
**PURSUANT TO RULE 10 (37 C.F.R. §1.10)**

I hereby certify that the below listed paper(s) [including any required fees] is/are being deposited with the United States Postal Service as Express Mail [Post Office to Addressee Service], postage prepaid, and addressed to: **Box PATENT APPLICATION, Commissioner of Patents, Washington, D.C. 20231**, on the date indicated below pursuant to Rule 10 (37 C.F.R. §1.10).

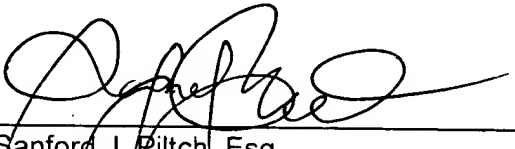
EXPRESS MAIL LABEL NO.: **EL494738116US**

Patent Application [34 Pages]  
Drawing Sheets [5]  
Declaration and Power of Attorney  
Small Entity Statements [2]  
Return Receipt Postcard

Utility Patent Application Transmittal  
Fee Transmittal [2]  
Claim of Priority  
Statement Requesting Deletion of Inventor

DATE: **July 10, 2000**

BY:

  
Sanford J. Piltch, Esq.  
Reg. No. 29,997  
The Atrium - Suite 204  
2895 Hamilton Boulevard  
Allentown, PA 18104

TELEPHONE: 610-433-6266  
FACSIMILE: 610-820-9566

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of  
James T. Hsu, et al.

Serial No.:

Filed: [Herewith]

For: **HEAT TRANSFER FLUID COMPOSITIONS  
FOR LOW TEMPERATURE APPLICATIONS**

STATEMENT REQUESTING DELETION OF NAMED INVENTOR

Commissioner for Patents  
Washington, D.C. 20231

Sir:

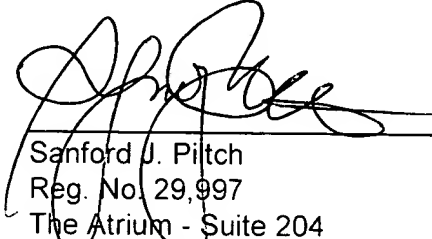
It is respectfully requested that one of the named inventors, **Kenneth F. Wieland**, in the parent application having a Serial No. 08/674,348 and a filing date of July 2, 1996, be deleted from the inventorship entity in connection with this Continuation-in-Part application leaving the remaining named inventors, **James T. Hsu**, **Satish Mohapatra** and **Daniel J. Loikits**, as the joint inventors of the subject matter of this application.

Respectfully submitted,

**James T. Hsu, et al.**

Date: **July 10, 2000**

By:

  
Sanford J. Piltch  
Reg. No. 29,997  
The Atrium - Suite 204  
2895 Hamilton Boulevard  
Allentown, PA 18104  
Telephone: (610) 433-6266  
Facsimile: (610) 820-9566

Attorney for Applicant

# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)

345.00

### Complete if Known

Application Number

Filing Date

First Named Inventor

Hsu, James T.

Examiner Name

Group / Art Unit

Attorney Docket No.

429-11

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

Deposit  
Account  
Name

- ☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

- ☒ Check ☐ Money  
Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	345.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

345.00

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20**	X	
Claims	-3**	X	
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

#### Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

- 0 -

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify)

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

### SUBMITTED BY

Name (Print/Type)	Sanford J. Pitch, [Signature]	Registration No. (Attorney/Agent)	29,997	Complete (if applicable)	Telephone	610.433.6266
Signature	[Signature]			Date	07/10/2000	

### WARNING:

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